

First Response**Remarks**

Independent claims 1 and 8 remain in this application. Dependent claims 2-7 and 9-13 remain in this application. Claim 14 has been amended to be in independent form.

The Examiner rejected claims 1-14 under 35 U.S.C. § 102(b) as being anticipated by Grider, U.S. Patent No. 5,105,262. The rejection is respectfully overcome by the applicant's amendments for the reasons discussed below.

Claims 1, 8, and 14 have been amended to define an insulator block mounted on and in contact with an upper surface of the circuit board. Grider does not disclose an insulator block in contact with an upper surface of the circuit board. Rather, Grider shows a guide bar (30) connected to the legs (20) of a terminal. The legs (20) carry the guide bar (30) away from the circuit board so that the guide bar neither mounted on nor in contact with the circuit board (11).

In addition, claims 1 and 14 claim a face seal above the insulator block. Grider does not disclose a face seal. Figures 3 and 10 in Grider show a guide bar (30) but no separate face seal above the guide bar. Item (31) in Figure 10 in Grider cannot be a face seal because it is integral to the guide bar. Furthermore, Grider states that the purpose of the guide bar (30) is to correctly position the terminal pins and Grider does not state that the guide bar provides any sort of seal around the pins.

Moreover, claims 1 and 14 claim a face seal compressed between a top surface of the insulator block and a lower surface of the upper housing. Grider does not disclose a face seal and therefore no face seal can be compressed in Grider. Furthermore, Grider describes the tapering opening (32) as receiving the guide bar's tapered sides (31) to guide correct alignment of the terminal (213). It would be contrary to the teaching in Grider to "compress" the guide bar within the tapered opening when the stated purpose of the tapered sides of the guide bar is to assist in correctly positioning the pins of the terminal rather than to form a seal around the pins.

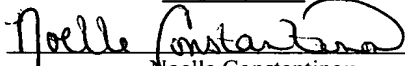
Furthermore with respect to claims 2, 3, 4, 5, 8, 9, 10, 11 and 14, Grider does not disclose the claimed peripheral relationships in combination with an insulator block mounted on and in contact with an upper surface of the circuit board. Since the Grider guide bar (30) is spaced above circuit board 11, the peripheral relationships in Grider are not relevant.

For the foregoing reasons, claims 1 - 14 are in allowable form and should be allowed, which allowance is respectfully solicited.

If it is determined that any fees are due, the Commissioner is hereby authorized and respectfully requested to charge such fees to Deposit Account No. 50-0831. A duplicate copy of this sheet is enclosed.

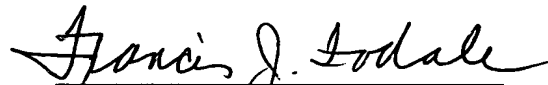
CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, Virginia 22313-1450 on May 24, 2005.


Noelle Constantinou

Respectfully submitted,

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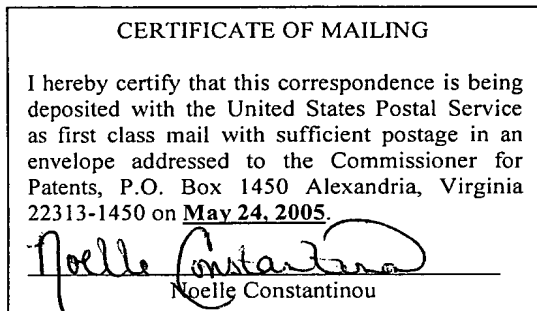


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Furthermore with respect to claims 2, 3, 4, 5, 8, 9, 10, 11 and 14, Grider does not disclose the claimed peripheral relationships in combination with an insulator block mounted on and in contact with an upper surface of the circuit board. Since the Grider guide bar (30) is spaced above circuit board 11, the peripheral relationships in Grider are not relevant.

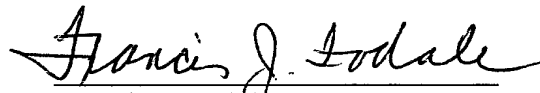
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